IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended) A method for producing a separator for a fuel cell comprising the steps of:

mixing carbon particles with thermoplastic resin particles to produce mixed particles;

kneading the mixed particles to form pellets;

extruding the mixed and kneaded pellets;

forming the mixed and extruded pellets into a sheet-form base material; ~~and~~

forming grooves on the sheet form base material by rolling with a roller having a pattern on a peripheral surface thereof, wherein[[:]] the pattern on the roller is transferred on the separator to have a predetermined groove pattern; and

cutting or forming the sheet form base material into a separator having a desired profile.

Claim 2. (Original) The method for producing the separator for the fuel cell according to claim 1, wherein:

the mixed particles include the thermoplastic resin between 20 and 40 weight percent.

Claims 3-8. (Cancelled).

Claim 9. (New) The method for producing the separator for the fuel cell according to claim 1, wherein:

the mixed particles include carbon between 60 and 80 weight percent and thermoplastic resin between 40 and 20 weight percent.

Claim 10. (New) The method for producing the separator for the fuel cell according to claim 1, wherein:

the thermoplastic resin comprises at least one of polyphenyl sulfide, polyvinylidene fluoride and liquid crystal polyester.

Claim 11. (New) The method for producing the separator for the fuel cell according to claim 1, wherein:

the step of extruding is carried out by an extruding machine or an injection machine.

Claim 12. (New) The method for producing the separator for the fuel cell according to claim 1, wherein:

the step of extruding is carried out by an injecting molding or a rolling molding.

Claim 13. (New) The method for producing the separator for the fuel cell according to claim 1, wherein:

the formed grooves are designed for supplying the fuel gas, the oxidizer gas, and cooling water to the electrodes of the fuel cell.